Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019670.D
Acq On : 17 Nov 2015 21:39
Operator : UM/NP
Sample : G4427-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 18 01:24:23 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 01:19:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	18687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	85910	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	83094	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	244822	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	328716	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	312409	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	2570	5.87	ng/uL	0.00
5) Phenol-d5	7.29	99	60631	31.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	43287	34.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	40002	32.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	50381	31.79	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	21410	30.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	25569	32.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	47703	27.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	51539	31.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	201688	26.84	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	163655	20.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	29130	24.60	ng/ul	0.00
58) Fluorene-d10	15.77	176	118158	17.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	32152	20.33	ng/ul	0.00
71) Anthracene-d10	17.62	188	201826	16.98	ng/ul	0.00
79) Pyrene-d10	19.89	212	191458	12.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	172193	10.56	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.32	94	4755	2.30	ng/ul	93
45) Dimethylphthalate	14.23	163	183463	24.62	ng/ul	98
46) 2,6-Dinitrotoluene	14.22	165	2233	1.50	ng/ul#	27
77) Fluoranthene	19.56	202	38947	2.33	ng/ul#	94
80) Pyrene	19.92	202	34433	1.79	ng/ul	97
83) Benzo(a)anthracene	21.77	228	22735	1.14	ng/ul	94
85) Chrysene	21.84	228	20509	1.09	ng/ul	96
91) Benzo(a)pyrene	24.94	252	19790	1.07	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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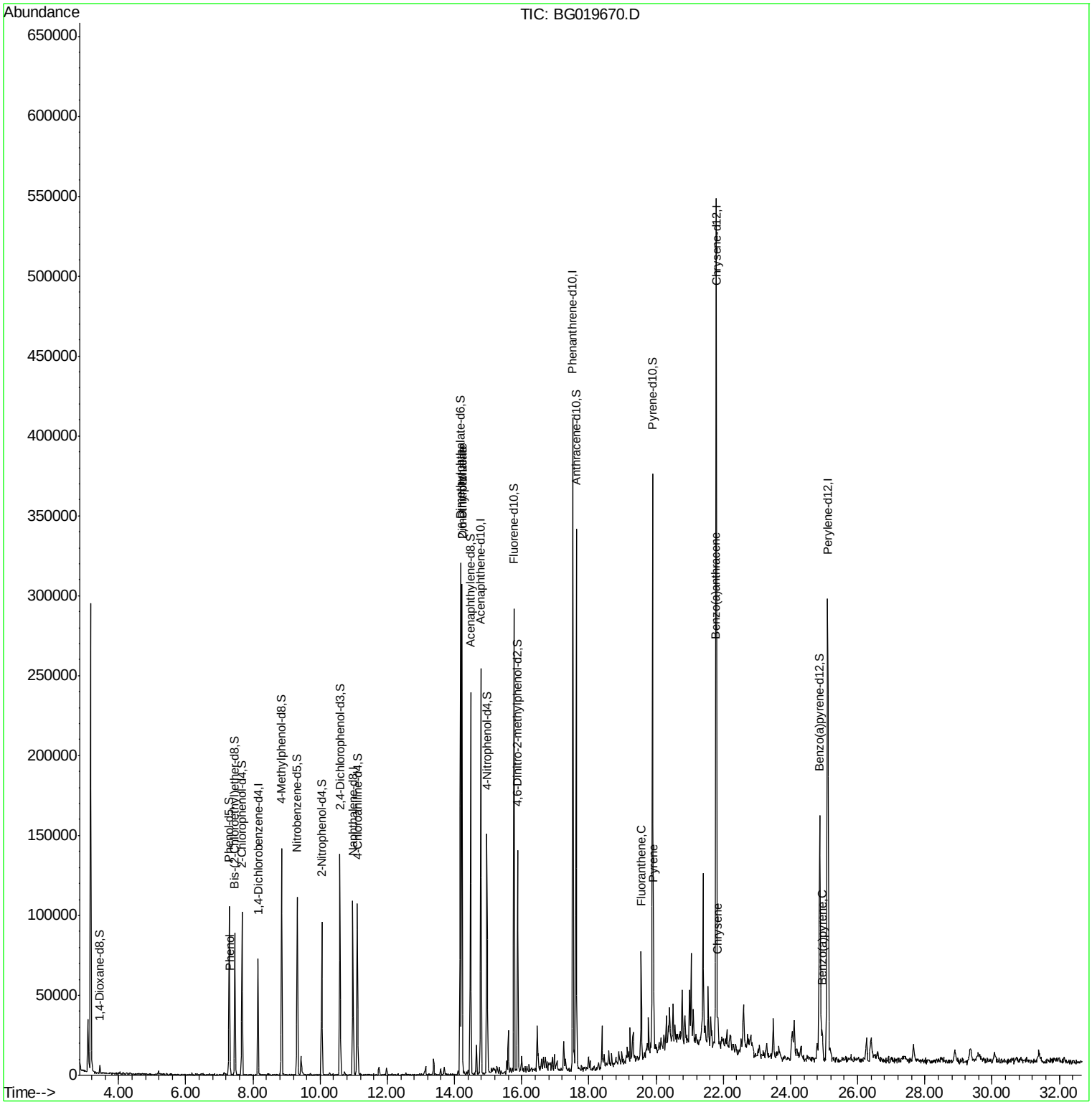
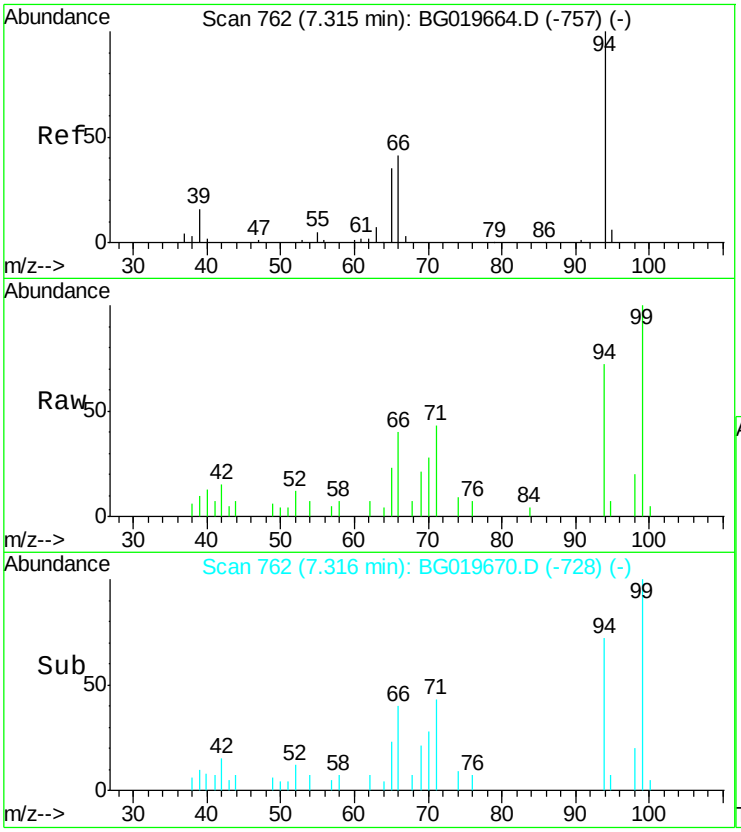


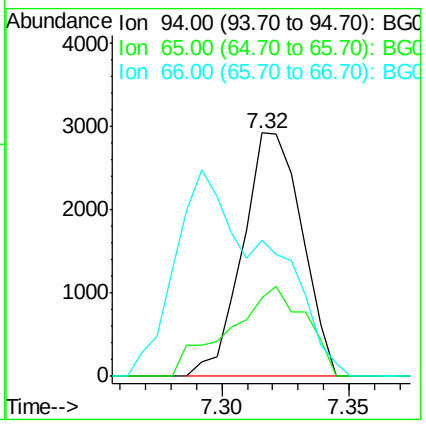


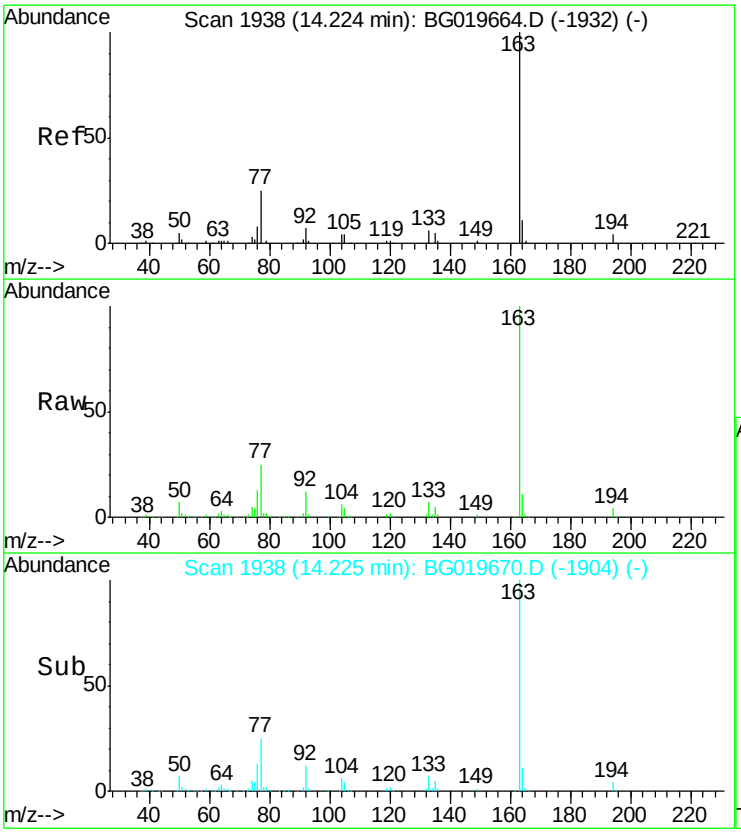
#6
Phenol
Concen: 2.30 ng/ul
RT: 7.32 min Scan# 762
Delta R.T. 0.00 min
Lab File: BG019670.D
Acq: 17 Nov 2015 21:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 4755

Ion	Ratio	Lower	Upper
94	100		
65	32.4	27.4	41.0
66	55.7	39.0	58.6

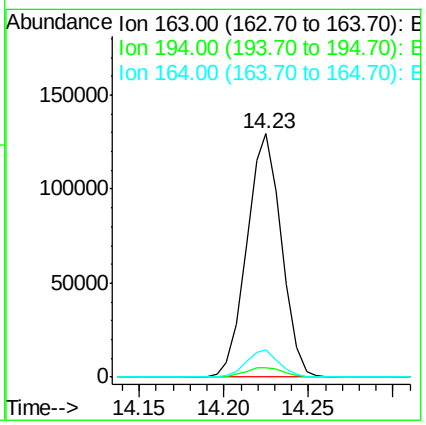


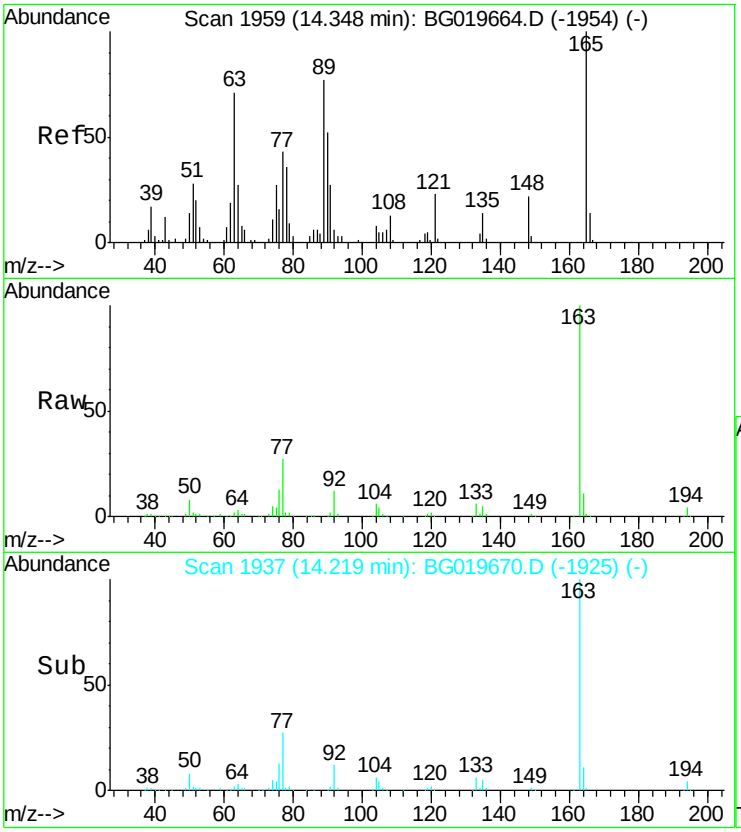


#45
Dimethylphthalate
Concen: 24.62 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG019670.D
Acq: 17 Nov 2015 21:39

Tgt Ion:163 Resp: 183463

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	11.1	8.3	12.5



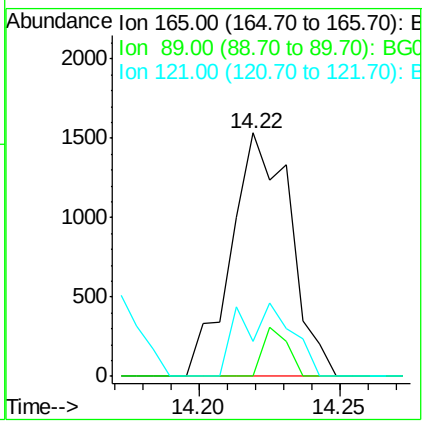


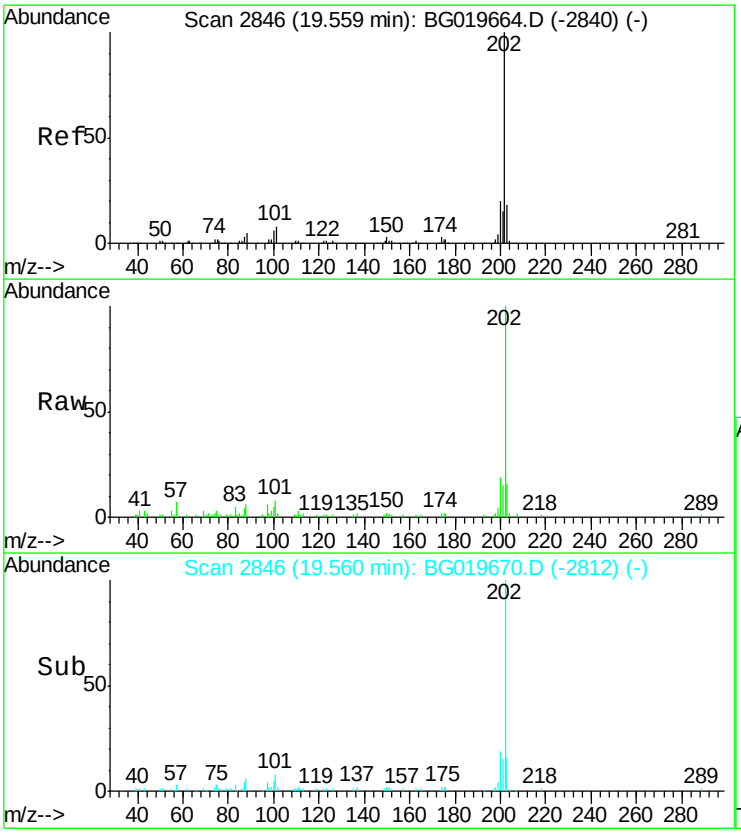
#46
2,6-Dinitrotoluene
Concen: 1.50 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. -0.13 min
Lab File: BG019670.D
Acq: 17 Nov 2015 21:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 2233

Ion	Ratio	Lower	Upper
165	100		
89	0.0	61.1	91.7#
121	14.1	17.8	26.8#

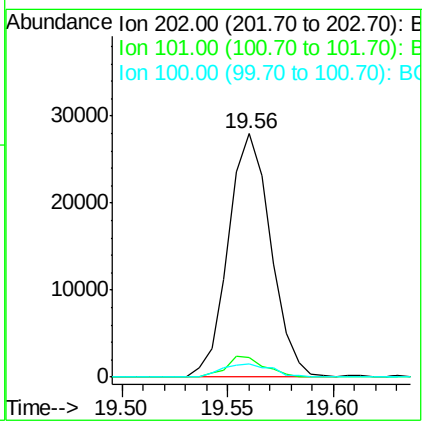


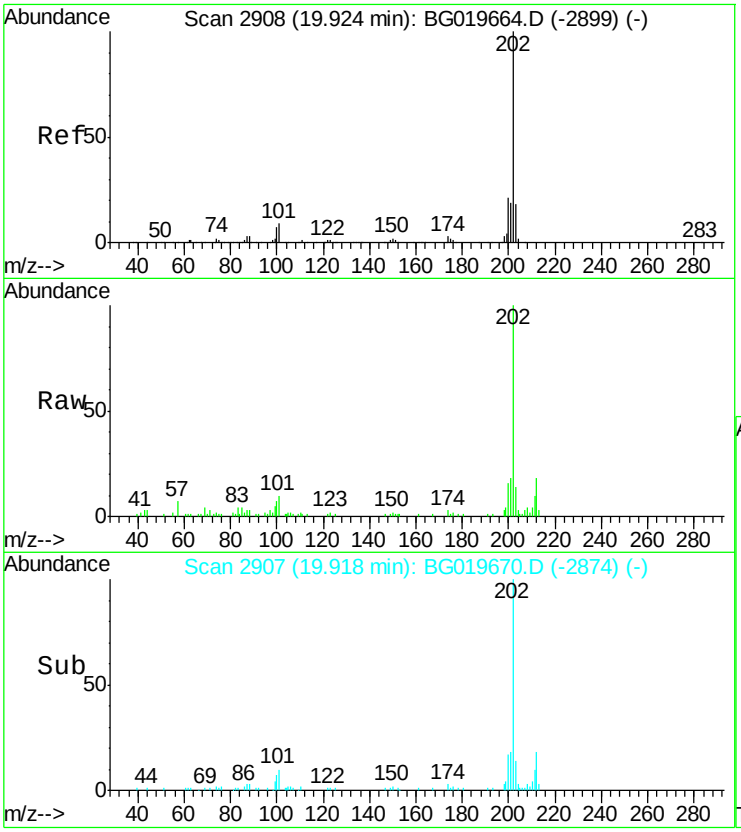


#77
Fluoranthene
Concen: 2.33 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BG019670.D
Acq: 17 Nov 2015 21:39

Tgt Ion:202 Resp: 38947

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.2	7.8#
100	5.4	5.0	7.4



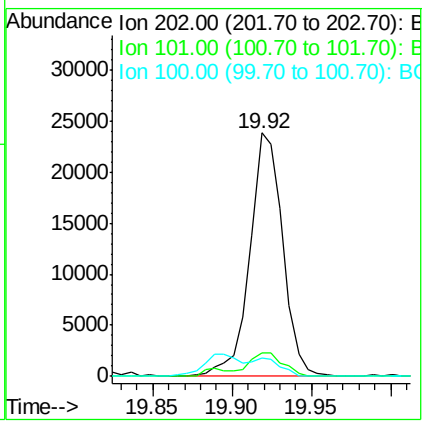


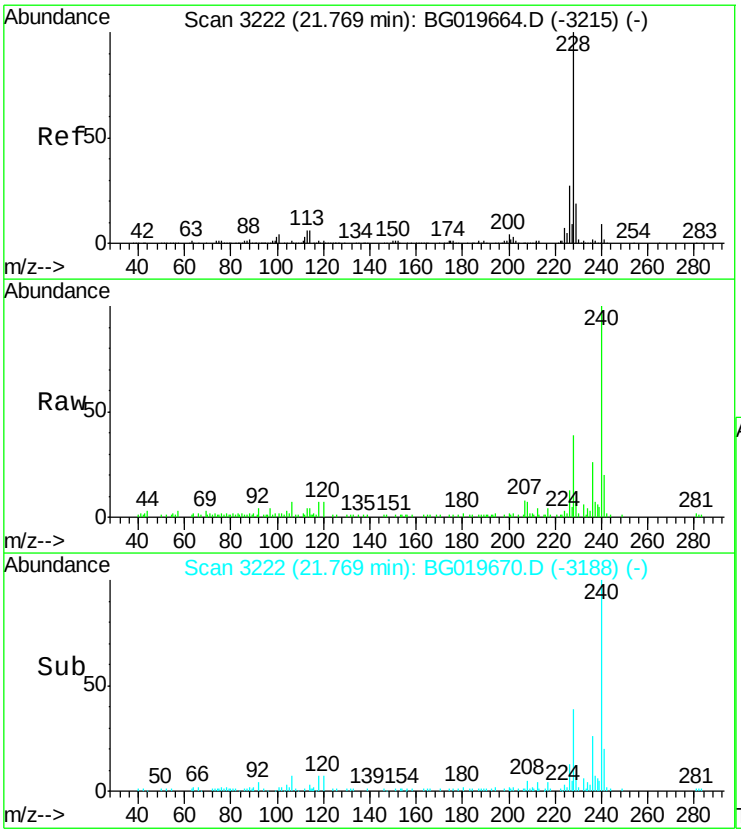
#80
Pyrene
Concen: 1.79 ng/ul
RT: 19.92 min Scan# 2907
Delta R.T. -0.01 min
Lab File: BG019670.D
Acq: 17 Nov 2015 21:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 34433

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.0	10.6
100	7.3	6.6	10.0

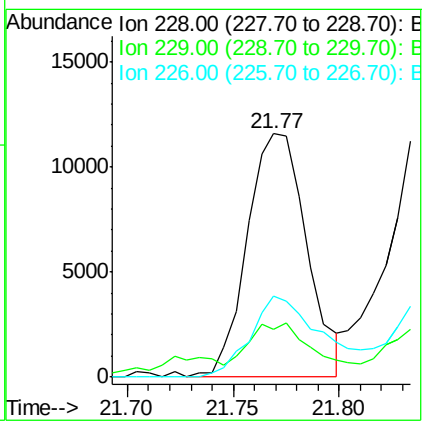


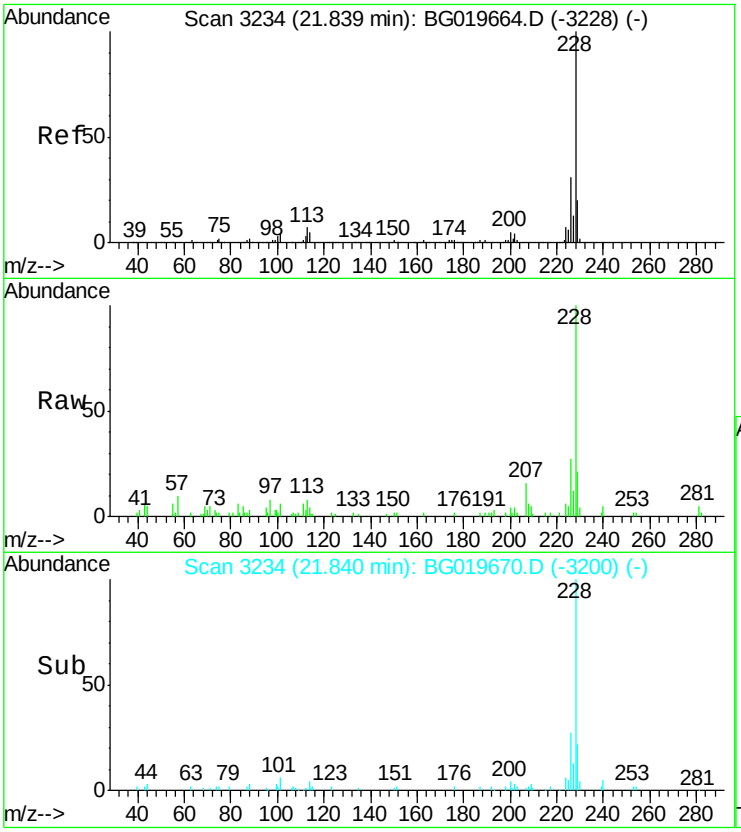


#83
Benzo(a)anthracene
Concen: 1.14 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BG019670.D
Acq: 17 Nov 2015 21:39

Tgt Ion:228 Resp: 22735

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	33.5	22.6	33.8



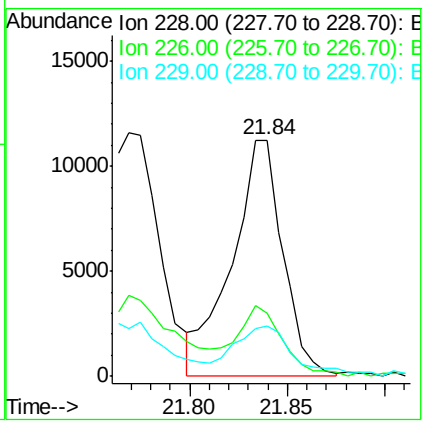


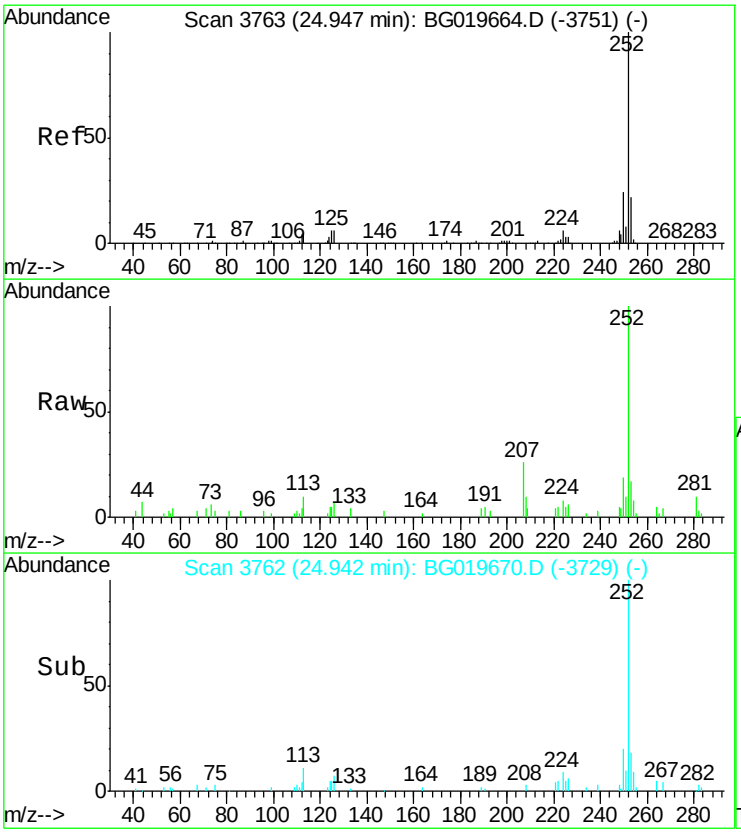
#85
Chrysene
Concen: 1.09 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BG019670.D
Acq: 17 Nov 2015 21:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 20509

Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.9	37.3
229	21.3	17.0	25.6





#91
Benzo(a)pyrene
Concen: 1.07 ng/ul
RT: 24.94 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG019670.D
Acq: 17 Nov 2015 21:39

Tgt Ion:252 Resp: 19790

Ion	Ratio	Lower	Upper
252	100		
253	17.0	16.9	25.3
125	5.2	5.4	8.0#